

Appl. No. 09/991,211
Amdt. dated August 18, 2005
Reply to Office Action of May 18, 2005

AMENDMENTS TO THE SPECIFICATION

Please replace the following paragraph on page 16, line 5 through 19, with the following amended paragraph:

It should be noted that slight variations in individual structure coordinates of the *S. aureus* MurB or *S. aureus* MurB/ligand complex, as defined above, would not be expected to significantly alter the nature of chemical entities such as ligands that could associate with the binding pockets. In this context, the phrase "associating with" refers to a condition of proximity between a chemical entity, or portions thereof, and an *S. aureus* ~~thymidylate kinase~~ MurB molecule or portions thereof. The association may be non-covalent, wherein the juxtaposition is energetically favored by hydrogen bonding, van der Waals forces, or electrostatic interactions, or it may be covalent. Thus, for example, a ligand that bound to or interfered with the active site binding pocket of *S. aureus* ~~thymidylate kinase~~ MurB would also be expected to bind to or interfere with another binding pocket whose structure coordinates define a shape that falls within the acceptable error.

It will readily apparent to those of skill in the art that the numbering of amino acids in other isoforms of *S. aureus* ~~thymidylate kinase~~ MurB may be different than that of *S. aureus* MurB expressed in *E. coli*.

Please amend the Brief Description of the Drawings as follows:

On page 10, line 8, after "complex.", please insert "Figure 4 comprises a single continuous listing of atomic crystal coordinates that is 46 pages in length and is intended to be read consecutively on the consecutive pages 4A-1 through 4A-46."

On page 12, line 5, after "MurB.", please insert "The single continuous listing of structure factors and multiple anomalous dispersions phases of Figure 12 is 565 pages in length and is intended to be read consecutively on the consecutive pages 12A-1 through 12A-565."